

# Won-Keun Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

115  
papers

4,338  
citations

94269

37  
h-index

118652

62  
g-index

119  
all docs

119  
docs citations

119  
times ranked

3400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Next-generation balloon-expandable Myval transcatheter heart valve in low-risk aortic stenosis patients. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 889-895.	0.7	14
2	Predictors of Prosthetic Valve Regurgitation After Transcatheter Aortic Valve Implantation With ACURATE neo in the SCOPE I Trial. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 367-369.	2.3	6
3	First Transfemoral TAV-in-TAV Implantation of an ACURATE Neo2 Into a Degenerated Lotus Prosthesis. <i>Canadian Journal of Cardiology</i> , 2022, 38, 401-403.	0.8	2
4	Anatomical suitability and off-label use of contemporary transcatheter heart valves. <i>International Journal of Cardiology</i> , 2022, 350, 96-103.	0.8	5
5	Assessment of frailty prior to TAVI: Can it now be measured objectively?. <i>International Journal of Cardiology</i> , 2022, 350, 104-105.	0.8	0
6	Conduction disturbances following transcatheter aortic valve implantation: Any room for improvement?. <i>International Journal of Cardiology</i> , 2022, 354, 41-42.	0.8	0
7	Effects of renin-angiotensin system inhibitor type and dosage on survival after transcatheter aortic valve implantation. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2022, 8, 815-824.	1.4	5
8	Quantitative Angiographic Assessment of Aortic Regurgitation Following 11 TAVR Devices: An Update of a Multicenter Pooled Analysis. , 2022, , 100037.		5
9	Micro-dislodgement of a self-expanding transcatheter heart valve: Incidence, predictors, and outcomes. <i>International Journal of Cardiology</i> , 2022, 358, 77-82.	0.8	3
10	Neo to Neo2. <i>JACC: Cardiovascular Interventions</i> , 2022, , .	1.1	1
11	Transcatheter Aortic Valve Implantation with ACURATE neo: Results from the PROGRESS PVL Registry. <i>Journal of Interventional Cardiology</i> , 2022, 2022, 1-10.	0.5	3
12	Does the severity of low-gradient aortic stenosis classified by computed tomography-derived aortic valve calcification determine the outcome of patients after transcatheter aortic valve implantation (TAVI)?. <i>European Radiology</i> , 2021, 31, 549-558.	2.3	1
13	Transcatheter Mitral Valve Replacement After Surgical Repair or Replacement. <i>Circulation</i> , 2021, 143, 104-116.	1.6	94
14	Procedural and clinical outcomes of type 0 versus type 1 bicuspid aortic valve stenosis undergoing trans-catheter valve replacement with new generation devices: Insight from the BEAT international collaborative registry. <i>International Journal of Cardiology</i> , 2021, 325, 109-114.	0.8	19
15	Aortic valve replacement in Germany in 2019. <i>Clinical Research in Cardiology</i> , 2021, 110, 460-465.	1.5	12
16	Determinants of paravalvular leakage following transcatheter aortic valve replacement in patients with bicuspid and tricuspid aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, , .	0.5	12
17	Computed tomography analysis of coronary ostia location following valve-in-valve transcatheter aortic valve replacement with the ACURATE neo valve: Implications for coronary access. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 595-604.	0.7	6
18	Prospective validation of an acoustic-based system for the detection of obstructive coronary artery disease in a high-prevalence population. <i>Heart and Vessels</i> , 2021, 36, 1132-1140.	0.5	3

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19	One-Year Outcomes of a Randomized Trial Comparing a Self-Expanding With a Balloon-Expandable Transcatheter Aortic Valve. <i>Circulation</i> , 2021, 143, 1267-1269.	1.6	8
20	Single versus double use of a suture-based closure device for transfemoral aortic valve implantation. <i>International Journal of Cardiology</i> , 2021, 331, 183-188.	0.8	2
21	Percutaneous Coronary Intervention in Transcatheter Aortic Valve Implantation Patients: Overview and Practical Management. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 653768.	1.1	10
22	Permanent Pacemaker Implantation Following Valve-in-Valve Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2263-2273.	1.2	19
23	Predictors and Clinical Impact of Prosthesis-Patient Mismatch After Self-Expandable TAVR in Small Annuli. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1218-1228.	1.1	40
24	The ACURATE neo2 valve system for transcatheter aortic valve implantation: 30-day and 1-year outcomes. <i>Clinical Research in Cardiology</i> , 2021, 110, 1912-1920.	1.5	34
25	Prognostic impact of echocardiographic mean transvalvular gradients in patients with aortic stenosis and low flow undergoing transcatheter aortic valve implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E922-E931.	0.7	0
26	Initial experience with a novel, modular, minimalistic approach for transfemoral aortic valve implantation. <i>International Journal of Cardiology</i> , 2021, 332, 54-59.	0.8	7
27	Feasibility of Coronary Access in Patients With Acute Coronary Syndrome and Previous TAVR. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1578-1590.	1.1	18
28	Effects of Statins After Transcatheter Aortic Valve Implantation in Key Patient Populations. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 78, e669-e674.	0.8	4
29	ACURATE neo <sup>2</sup> , <sup>®</sup> Aortic Valve System for the treatment of aortic stenosis. <i>Future Cardiology</i> , 2021, 17, 713-722.	0.5	0
30	Incidence, Causes, and Outcomes Associated With Urgent Implantation of a Supplementary Valve During Transcatheter Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2021, 6, 936.	3.0	7
31	Horizontal Aorta in Transcatheter Self-Expanding Valves: Insights From the HORSE International Multicentre Registry. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010641.	1.4	12
32	Should we consider interventricular membranous septum length during TAVR pre procedural planning?. <i>International Journal of Cardiology</i> , 2021, 338, 87-88.	0.8	0
33	Impact of implantation depth on outcomes of new-generation balloon-expandable transcatheter heart valves. <i>Clinical Research in Cardiology</i> , 2021, 110, 1983-1992.	1.5	2
34	(Intermediate) size matters. <i>International Journal of Cardiology</i> , 2021, 341, 68-69.	0.8	0
35	Predictors of permanent pacemaker implantation after ACURATE neo transcatheter heart valve implantation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 410-415.	0.5	10
36	Transcatheter Replacement of Transcatheter Versus Surgically Implanted Aortic Valve Bioprostheses. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1-14.	1.2	64

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37	Transvascular transcatheter aortic valve implantation in 2017. <i>Clinical Research in Cardiology</i> , 2020, 109, 303-314.	1.5	18
38	Challenges of recognizing bicuspid aortic valve in elderly patients undergoing TAVR. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 251-256.	0.7	12
39	Lower mortality in an all-comers aortic stenosis population treated with TAVI in comparison to SAVR. <i>Clinical Research in Cardiology</i> , 2020, 109, 611-615.	1.5	10
40	Reduced Leaflet Motion after Transcatheter Aortic-Valve Replacement. <i>New England Journal of Medicine</i> , 2020, 382, 130-139.	13.9	194
41	Transcatheter Self-Expandable Valve Implantation for Aortic Stenosis in Small Aortic Annuli. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 196-206.	1.1	54
42	TAVR for mixed aortic valve disease – A good companionship?. <i>International Journal of Cardiology</i> , 2020, 300, 113-114.	0.8	0
43	Choice of transcatheter heart valve: should we select the device according to each patient's characteristics or should it be "one valve fits all"? <i>Annals of Translational Medicine</i> , 2020, 8, 961-961.	0.7	10
44	Coronary Access After TAVR-in-TAVR as Evaluated by Multidetector Computed Tomography. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2528-2538.	1.1	65
45	Bicuspid Aortic Valve Morphology and Outcomes After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1018-1030.	1.2	143
46	Long-term outcomes after transcatheter aortic valve implantation in failed bioprosthetic valves. <i>European Heart Journal</i> , 2020, 41, 2731-2742.	1.0	97
47	Balloon Versus Self-Expandable Valve for the Treatment of Bicuspid Aortic Valve Stenosis. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008714.	1.4	62
48	The EVOLUTion from R to PRO: Has there been any PROgress?. <i>International Journal of Cardiology</i> , 2020, 310, 126-127.	0.8	0
49	Effectiveness and Safety of the ACURATE Neo Prosthesis in 1,000 Patients With Aortic Stenosis. <i>American Journal of Cardiology</i> , 2020, 131, 12-16.	0.7	12
50	Impact of Predilatation Prior to Transcatheter Aortic Valve Implantation With the Self-Expanding Acurate neo Device (from the Multicenter NEOPRO Registry). <i>American Journal of Cardiology</i> , 2020, 125, 1369-1377.	0.7	15
51	Transcatheter treatment of native aortic valve regurgitation: Results from an international registry using the transfemoral ACURATE neo valve. <i>IJC Heart and Vasculature</i> , 2020, 27, 100480.	0.6	13
52	Transcatheter aortic valve implantation with the ACURATE neo valve: indications, procedural aspects and clinical outcomes. <i>EuroIntervention</i> , 2020, 15, e1571-e1579.	1.4	22
53	Long-Term Outcomes After Infective Endocarditis After Transcatheter Aortic Valve Replacement. <i>Circulation</i> , 2020, 142, 1497-1499.	1.6	13
54	Predictores de necesidad de marcapasos permanente y alteraciones de la conducción con el implante transcatheter de una nueva válvula aórtica autoexpandible. <i>Revista Espanola De Cardiologia</i> , 2019, 72, 145-153.	0.6	13

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55	Multicenter Evaluation of Prosthesis Oversizing of the SAPIEN 3 Transcatheter Heart Valve. Impact on Device Failure and New Pacemaker Implantations. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 641-648.	0.4	7
56	Transcatheter valve-in-valve implantation (VinV-TAVR) for failed surgical aortic bioprosthetic valves. <i>Clinical Research in Cardiology</i> , 2019, 108, 83-92.	1.5	25
57	Safety and efficacy of a self-expanding versus a balloon-expandable bioprosthesis for transcatheter aortic valve replacement in patients with symptomatic severe aortic stenosis: a randomised non-inferiority trial. <i>Lancet, The</i> , 2019, 394, 1619-1628.	6.3	189
58	Infective Endocarditis Following Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007938.	1.4	36
59	Transcatheter Valve SELECTION in Patients With Right Bundle Branch Block and Impact on Pacemaker Implantations. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1781-1793.	1.1	38
60	Predictors of Left Ventricular Outflow Tract Obstruction After Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 182-193.	1.1	186
61	Transfemoral implantation of the ACURATE neo prosthesis using a low-profile expandable introducer system: A multicenter registry. <i>International Journal of Cardiology</i> , 2019, 281, 76-81.	0.8	6
62	Incidence and outcome of peri-procedural transcatheter heart valve embolization and migration: the TRAVEL registry (Transcatheter HeArt Valve Embolization and Migration). <i>European Heart Journal</i> , 2019, 40, 3156-3165.	1.0	92
63	Predictive value of preprocedural procalcitonin for short- and long-term mortality after transfemoral transcatheter aortic valve implantation. <i>Heart and Vessels</i> , 2019, 34, 1993-2001.	0.5	6
64	1-Year Survival After TAVR of Patients With Low-Flow, Low-Gradient and High-Gradient Aortic Valve Stenosis in Matched Study Populations. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 752-763.	1.1	39
65	Transcatheter Aortic Valve Replacement With Next-Generation Self-Expanding Devices. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 433-443.	1.1	59
66	Valve-in-Valve Implantation Using the ACURATE Neo in Degenerated Aortic Bioprostheses. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2309-2316.	1.1	21
67	Outcome of patients with heart failure after transcatheter aortic valve implantation. <i>PLoS ONE</i> , 2019, 14, e0225473.	1.1	16
68	Outcomes of transcatheter mitral valve replacement for degenerated bioprostheses, failed annuloplasty rings, and mitral annular calcification. <i>European Heart Journal</i> , 2019, 40, 441-451.	1.0	271
69	Annular versus supra-annular sizing for TAVI in bicuspid aortic valve stenosis. <i>EuroIntervention</i> , 2019, 15, e231-e238.	1.4	32
70	Predictors and outcome of conversion to cardiac surgery during transcatheter aortic valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 267-272.	0.6	18
71	Incidence of new-onset left bundle branch block and predictors of new permanent pacemaker following transcatheter aortic valve replacement with the Portico valve. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 467-474.	0.6	25
72	Computed Tomography for Diagnosis and Classification of Bicuspid Aortic Valve Disease in Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1539-1540.	2.3	8

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73	Impact of Pre-Existing Prosthesis-Patient Mismatch on Survival Following Aortic Valve-in-Valve Procedures. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 133-141.	1.1	91
74	Outcome of thrombus aspiration in STEMI patients: a propensity score-adjusted study. <i>Journal of Thrombosis and Thrombolysis</i> , 2018, 45, 240-249.	1.0	2
75	Incidence and outcomes of emergent cardiac surgery during transfemoral transcatheter aortic valve implantation (TAVI): insights from the European Registry on Emergent Cardiac Surgery during TAVI (EuRECS-TAVI). <i>European Heart Journal</i> , 2018, 39, 676-684.	1.0	91
76	Outcome after transvascular transcatheter aortic valve implantation in 2016. <i>European Heart Journal</i> , 2018, 39, 667-675.	1.0	61
77	Prospective multicentre evaluation of a novel, low-profile transapical delivery system for self-expandable transcatheter aortic valve implantation: 6-month outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 762-767.	0.6	8
78	Pacemaker implantation after TAVI: predictors of AV block persistence. <i>Clinical Research in Cardiology</i> , 2018, 107, 60-69.	1.5	71
79	Early discharge and late onset conduction disturbances – A conflict of interest?. <i>International Journal of Cardiology</i> , 2018, 273, 88-89.	0.8	0
80	The ACURATE neo Transcatheter Heart Valve. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1721-1729.	1.1	60
81	Usefulness of Transcatheter Aortic Valve Implantation for Treatment of Pure Native Aortic Valve Regurgitation. <i>American Journal of Cardiology</i> , 2018, 122, 1028-1035.	0.7	47
82	Transcatheter aortic valve implantation in Germany. <i>Clinical Research in Cardiology</i> , 2018, 107, 81-87.	1.5	19
83	The SAVI-TF Registry. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1368-1374.	1.1	64
84	Accuracy of device landing zone calcium volume measurement with contrast-enhanced multidetector computed tomography. <i>International Journal of Cardiology</i> , 2018, 263, 171-176.	0.8	26
85	TAVI risk scoring using established versus new scoring systems: role of the new STS/ACC model. <i>EuroIntervention</i> , 2018, 13, 1520-1526.	1.4	39
86	Real-world experience using the ACURATE neo prosthesis: 30-day outcomes of 1,000 patients enrolled in the SAVI TF registry. <i>EuroIntervention</i> , 2018, 13, e1764-e1770.	1.4	96
87	Transfemoral aortic valve implantation of Edwards SAPIEN 3 without predilatation. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, E38-E43.	0.7	25
88	Trends in aortic valve replacement in Germany in 2015: transcatheter versus isolated surgical aortic valve repair. <i>Clinical Research in Cardiology</i> , 2017, 106, 411-419.	1.5	52
89	Matched Comparison of Self-Expanding Transcatheter Heart Valves for the Treatment of Failed Aortic Surgical Bioprosthesis. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	1.4	28
90	Transfemoral aortic valve implantation using a self-expanding transcatheter heart valve without pre-dilation. <i>International Journal of Cardiology</i> , 2017, 243, 156-160.	0.8	17

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91	Multicenter Comparison of Novel Self-Expanding Versus Balloon-Expandable Transcatheter Heart Valves. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2078-2087.	1.1	84
92	The Future of TAVI. <i>European Heart Journal</i> , 2017, 38, 2704-2707.	1.0	11
93	Comparison of outcomes using balloon-expandable versus self-expanding transcatheter prostheses according to the extent of aortic valve calcification. <i>Clinical Research in Cardiology</i> , 2017, 106, 995-1004.	1.5	42
94	Transcatheter Aortic Valve Replacement in Pure Native Aortic Valve Regurgitation. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2752-2763.	1.2	207
95	Transfemoral TAVI using the self-expanding ACURATE neo prosthesis: one-year outcomes of the multicentre "CE-approval cohort". <i>EuroIntervention</i> , 2017, 13, e1040-e1046.	1.4	41
96	Outcomes of Redo Transcatheter Aortic Valve Replacement for the Treatment of Postprocedural and Late Occurrence of Paravalvular Regurgitation and Transcatheter Valve Failure. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	1.4	83
97	Association Between Transcatheter Aortic Valve Replacement and Subsequent Infective Endocarditis and In-Hospital Death. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 1083.	3.8	241
98	Prognostic value of body mass index and body surface area on clinical outcomes after transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2016, 105, 1042-1048.	1.5	21
99	Immunological markers of frailty predict outcomes beyond current risk scores in aortic stenosis following transcatheter aortic valve replacement: Role of neopterin and tryptophan. <i>IJC Metabolic &amp; Endocrine</i> , 2016, 10, 7-15.	0.5	4
100	Myocardial injury associated with transcatheter aortic valve implantation (TAVI). <i>Clinical Research in Cardiology</i> , 2016, 105, 379-387.	1.5	23
101	Cyclic changes in area- and perimeter-derived effective dimensions of the aortic annulus measured with multislice computed tomography and comparison with metric intraoperative sizing. <i>Clinical Research in Cardiology</i> , 2016, 105, 622-629.	1.5	14
102	Comparison of two valve systems for transapical aortic valve implantation: a propensity score-matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 486-492.	0.6	14
103	Simplified Transapical Aortic Valve Implantation Using the SAPIEN 3 Valve without Preballooning. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015, 10, 406-409.	0.4	5
104	Complications of transcatheter aortic valve implantation (TAVI): how to avoid and treat them. <i>Heart</i> , 2015, 101, 900-908.	1.2	52
105	Diagnostic accuracy of computed tomography angiography for the detection of coronary artery disease in patients referred for transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2015, 104, 471-480.	1.5	56
106	First experience without pre-balloonning in transapical aortic valve implantation: a propensity score-matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 31-38.	0.6	25
107	Transfemoral valve-in-valve implantation of a St. Jude Medical Portico in a failing trileaflet bioprosthesis: a case report. <i>Clinical Research in Cardiology</i> , 2015, 104, 363-365.	1.5	12
108	Challenges of coronary angiography and intervention in patients previously treated by TAVI. <i>Clinical Research in Cardiology</i> , 2015, 104, 632-639.	1.5	93

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109	Manual versus automatic detection of aortic annulus plane in a computed tomography scan for transcatheter aortic valve implantation screening. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 207-212.	0.6	20
110	Detection of Myocardial Injury by CMR After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2014, 64, 349-357.	1.2	46
111	Development of a risk score for outcome after transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2014, 103, 631-640.	1.5	92
112	Transfemoral Aortic Valve Implantation of Edwards <sc>SAPIEN XT</sc> Without Predilatation Is Feasible. <i>Clinical Cardiology</i> , 2014, 37, 667-671.	0.7	43
113	Sham Surgery and Inter-Individual Heterogeneity Are Major Determinants of Monocyte Subset Kinetics in a Mouse Model of Myocardial Infarction. <i>PLoS ONE</i> , 2014, 9, e98456.	1.1	15
114	Sutureless Transapical Access and Closure to Facilitate Transapical Transcatheter Aortic Valve Implantation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 763.	1.2	3
115	First-in-man evaluation of the transapical APICA ASCÂ access and closure device: the initial 10 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, 1057-1062.	0.6	32